

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001647.D
 Acq On : 11 May 2018 18:48
 Operator : JC/MD
 Sample : J2741-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW301-180502

Quant Time: May 12 07:08:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157377	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	203066	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	5.51	113	163022	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
50) Toluene-d8	8.72	98	566328	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	184891	43.96	ug/l	0.00
Spiked Amount			Recovery	=	87.92%	

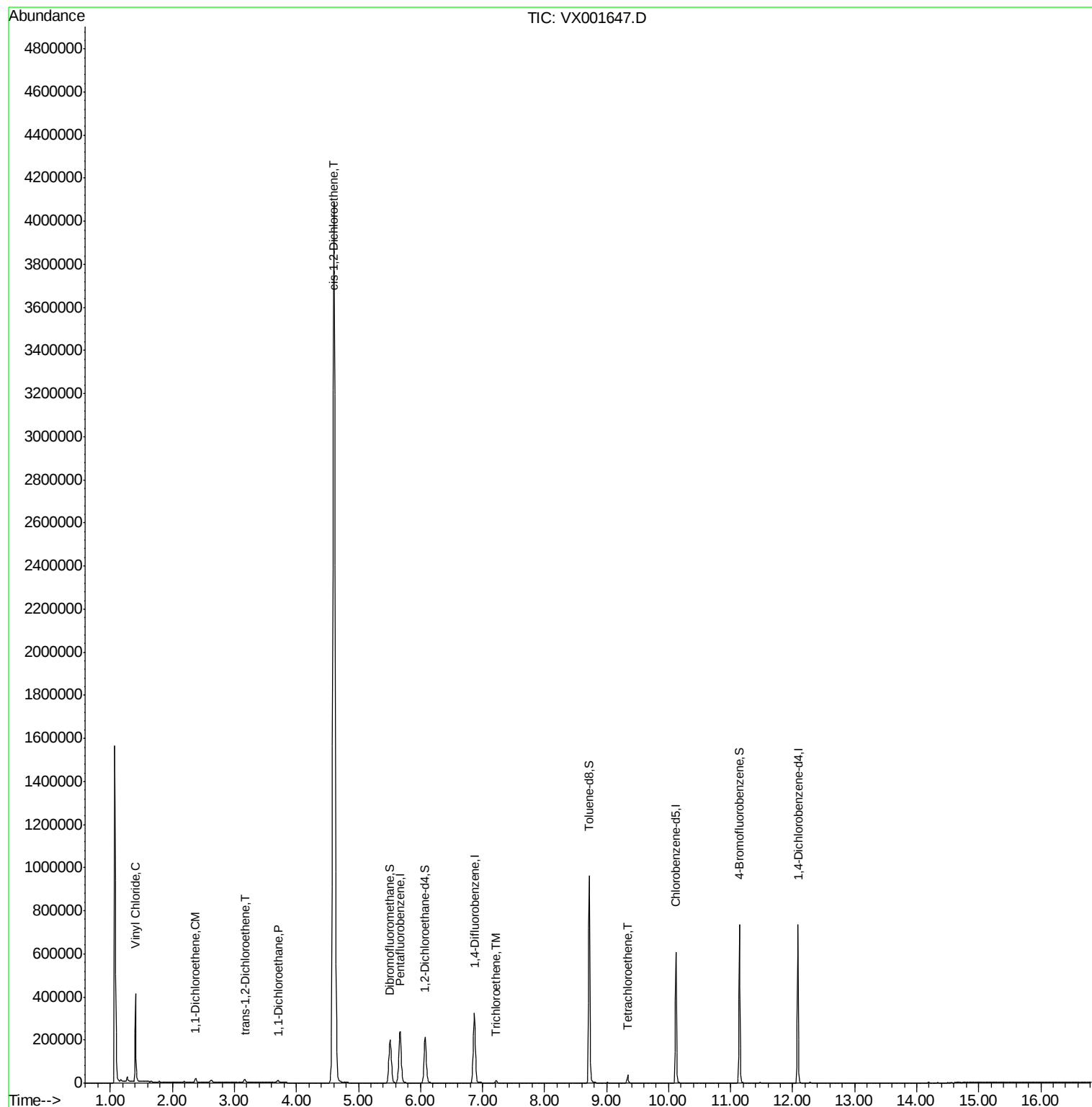
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	252369	73.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	5680	2.03	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	5824	1.87	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9002	1.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	2607942	784.94	ug/l	85
44) Trichloroethene	7.22	130	4116	1.07	ug/l	99
64) Tetrachloroethene	9.34	164	8024	1.95	ug/l	96

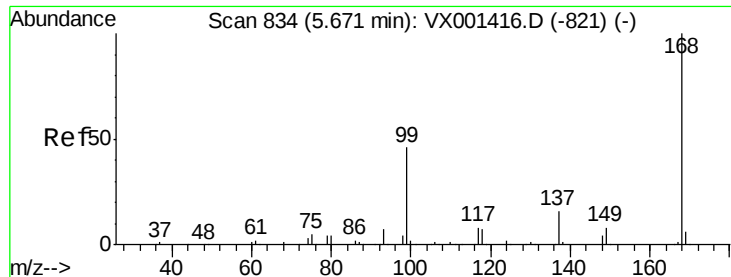
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

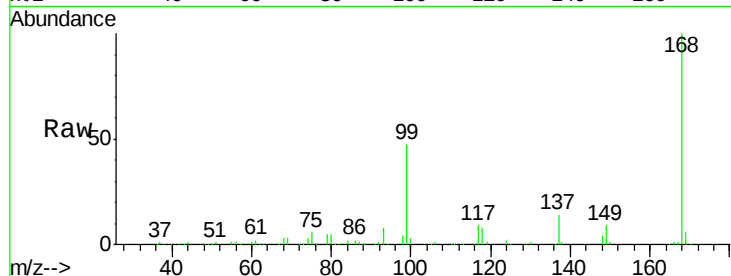
SS037MW301-180502

Tot Ion:168 Resp: 252624

Ion Ratio Lower Upper

168 100

99 46.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

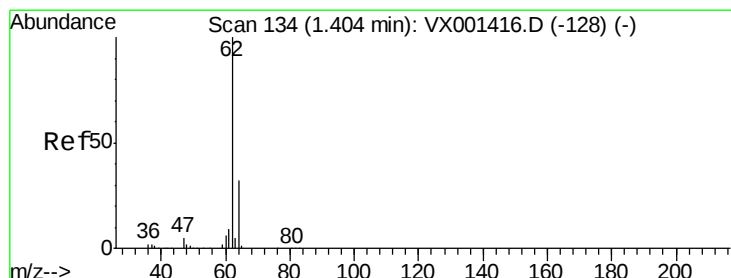
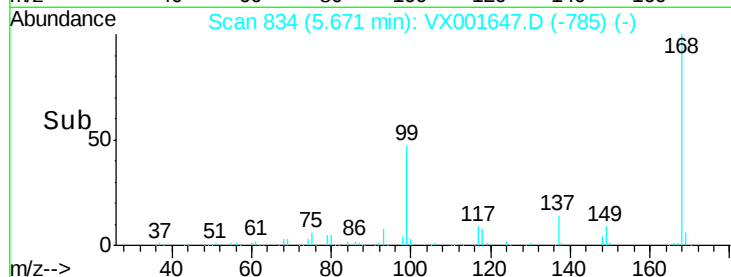
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 73.01 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001647.D

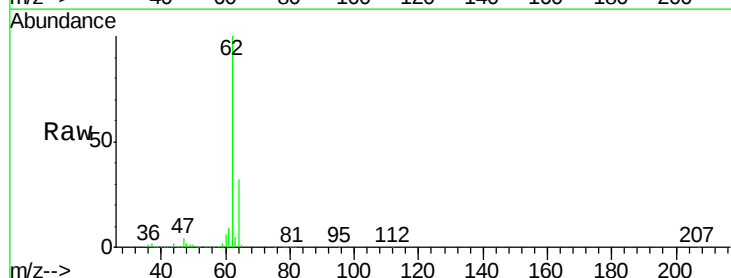
Acq: 11 May 2018 18:48

Tgt Ion: 62 Resp: 252369

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

250000

200000

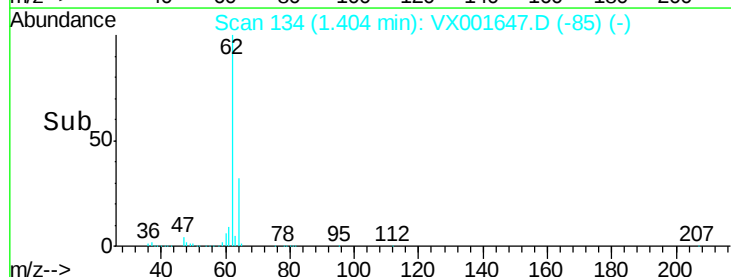
150000

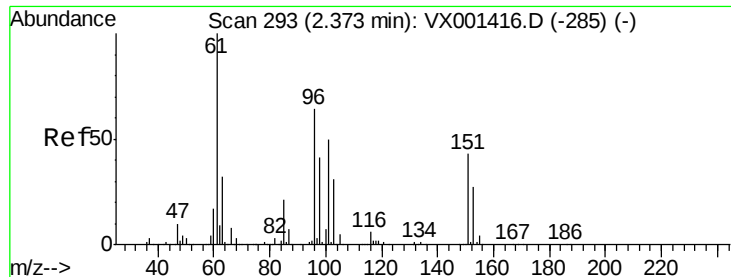
100000

50000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#12

1,1-Dichloroethene

Concen: 2.03 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001647.D

Acq: 11 May 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-180502

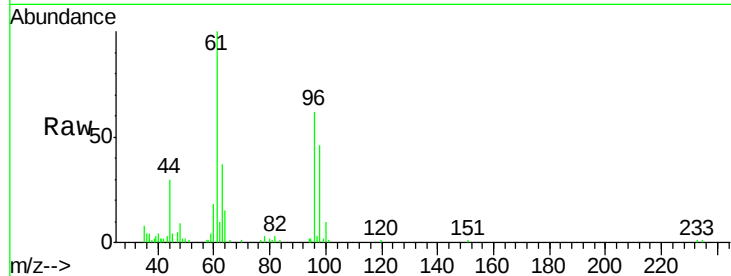
Tot Ion: 96 Resp: 5680

Ion Ratio Lower Upper

96 100

61 160.9 125.7 188.5

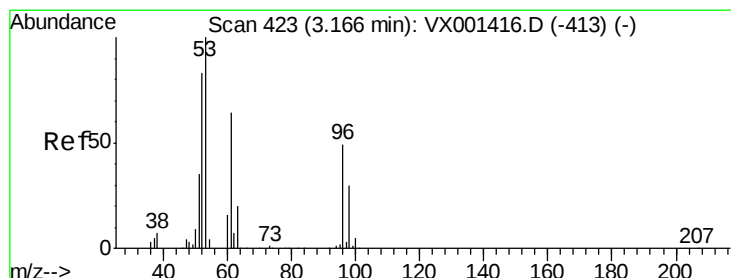
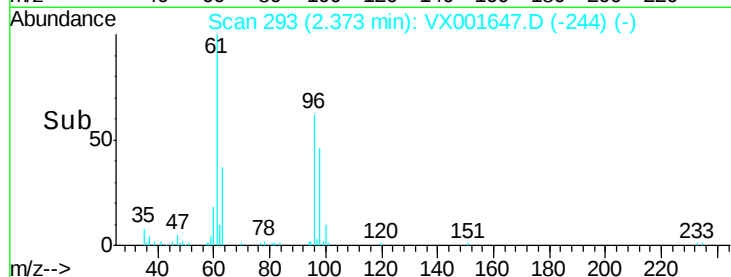
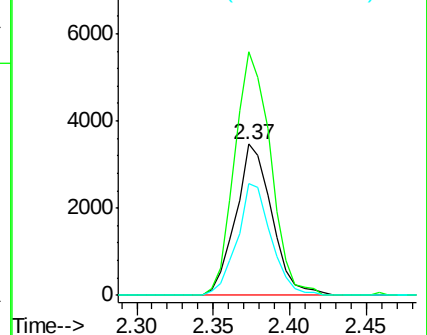
98 73.7 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 1.87 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001647.D

Acq: 11 May 2018 18:48

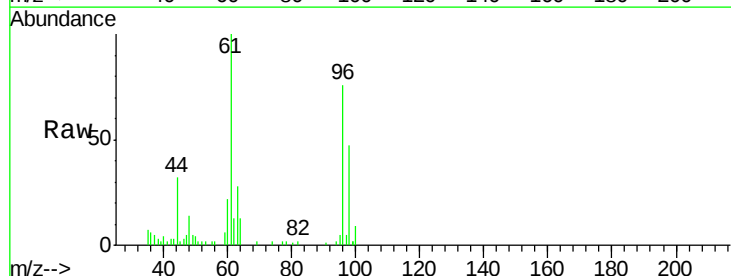
Tgt Ion: 96 Resp: 5824

Ion Ratio Lower Upper

96 100

61 130.8 105.0 157.4

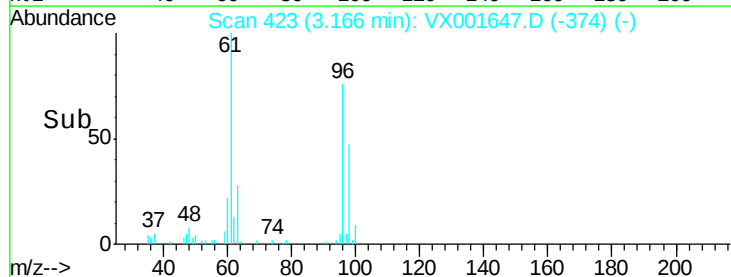
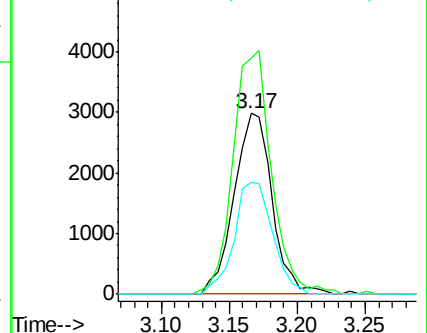
98 61.5 49.9 74.9

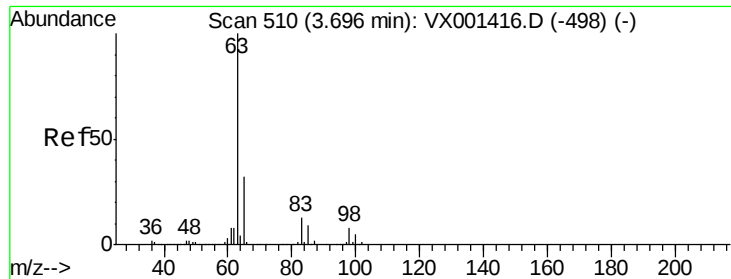


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 1.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001647.D

Acq: 11 May 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

SS037MW301-180502

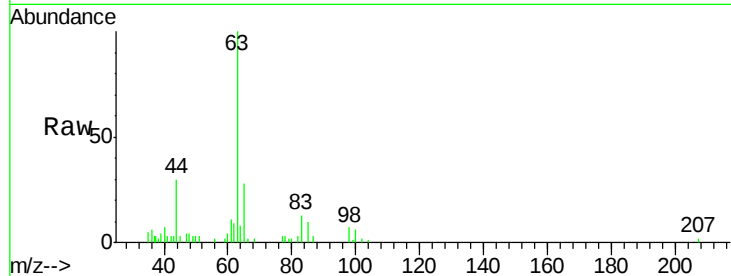
Tot Ion: 63 Resp: 9002

Ion Ratio Lower Upper

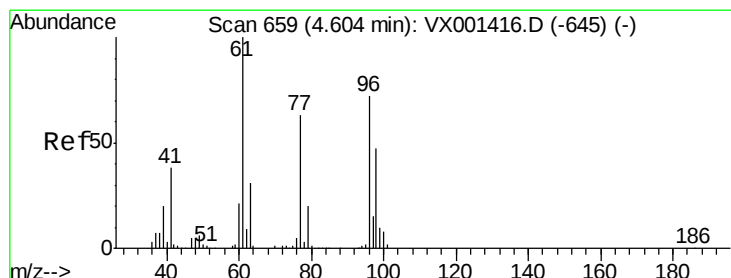
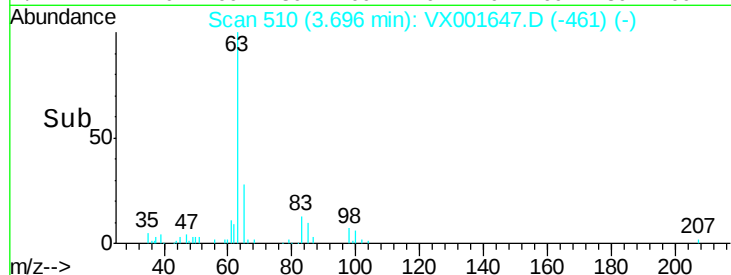
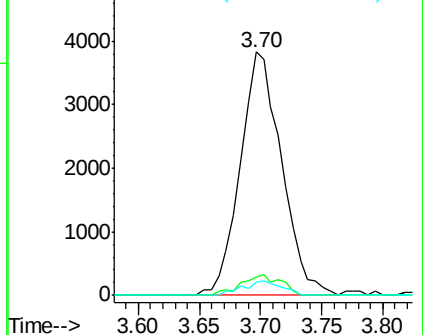
63 100

98 7.4 3.8 11.4

100 5.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 784.94 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001647.D

Acq: 11 May 2018 18:48

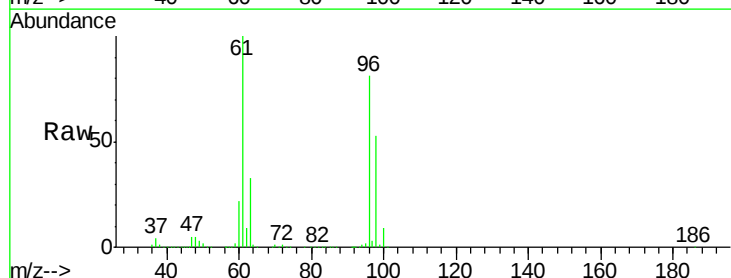
Tgt Ion: 96 Resp: 2607942

Ion Ratio Lower Upper

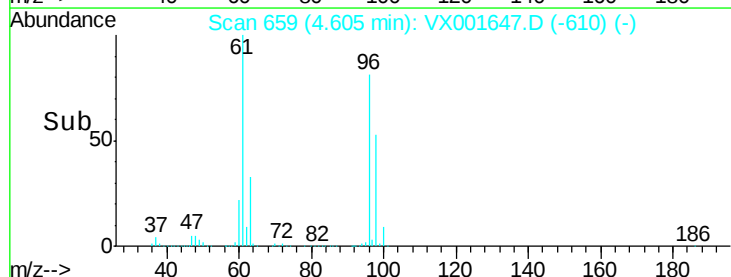
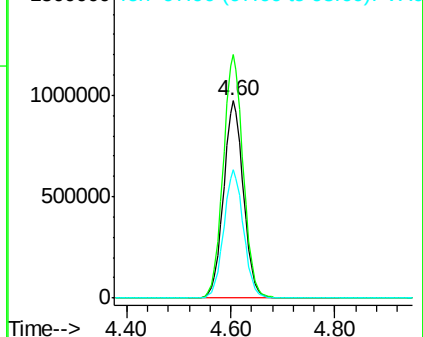
96 100

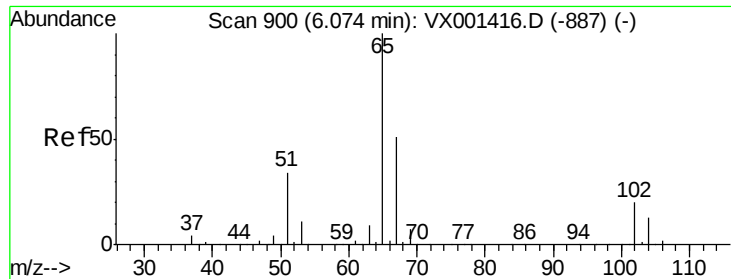
61 124.6 0.0 301.6

98 64.9 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

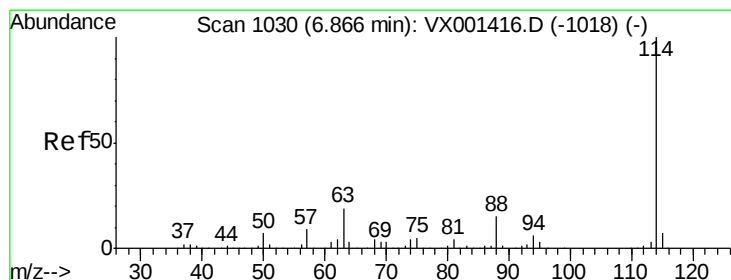
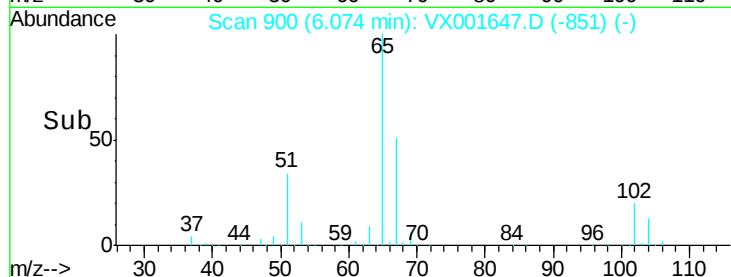
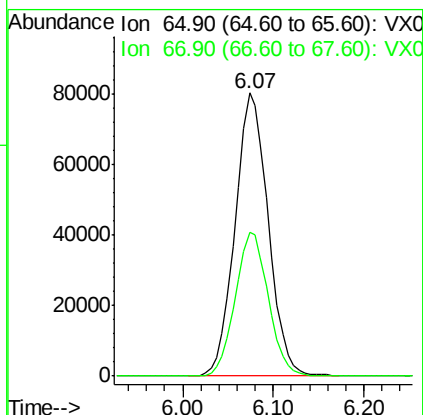
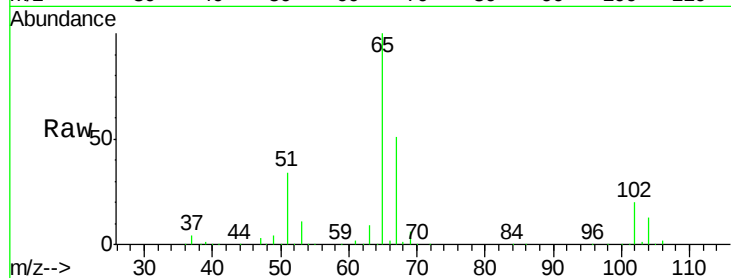




#33
 1,2-Dichloroethane-d4
 Concen: 55.93 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001647.D
 Acq: 11 May 2018 18:48

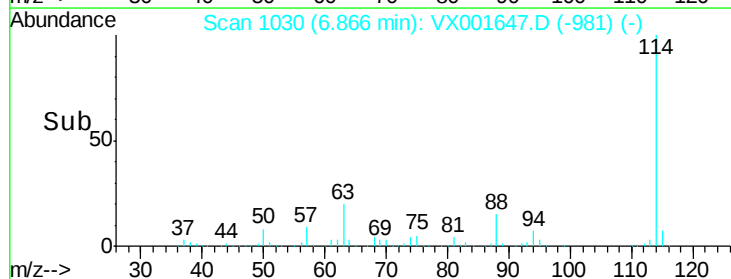
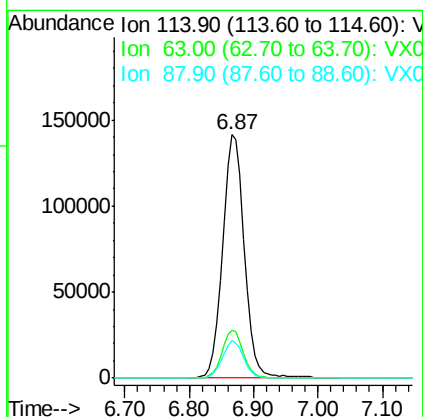
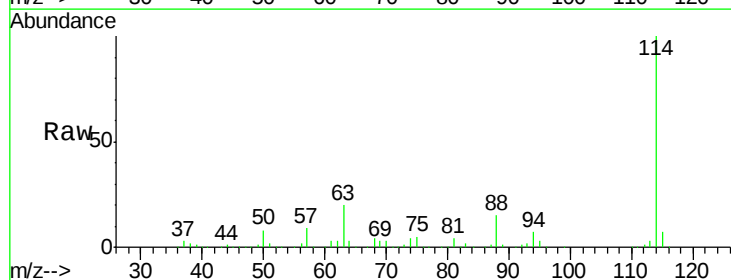
Instrument :
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 SS037MW301-180502

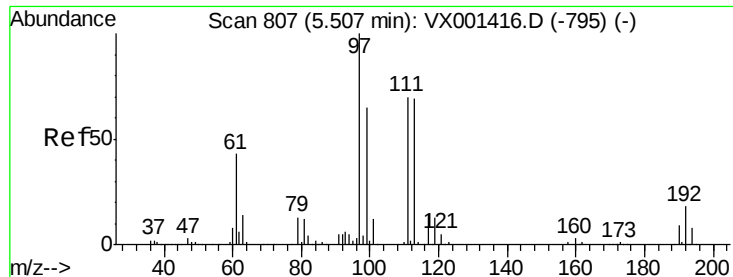
Tot Ion: 65 Resp: 203066
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001647.D
 Acq: 11 May 2018 18:48

Tgt Ion: 114 Resp: 337455
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.5 0.0 30.8

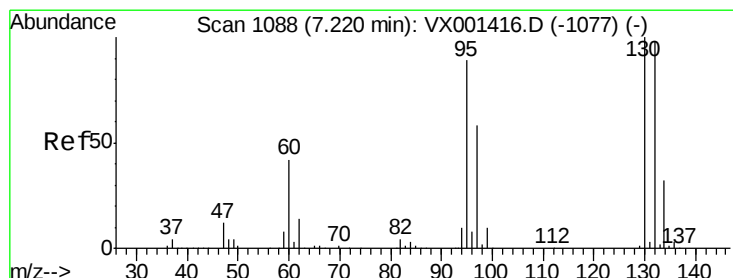
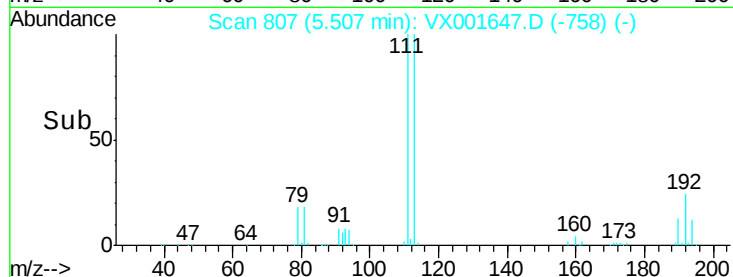
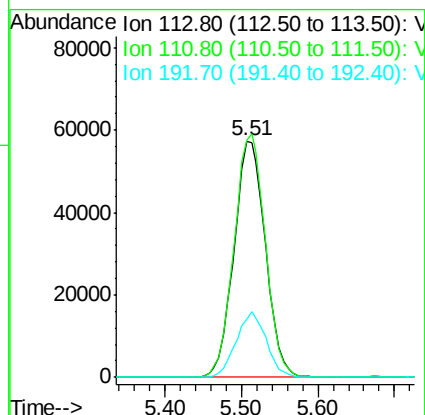
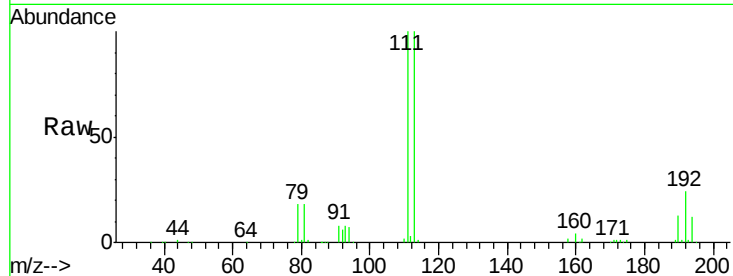




#35
 Dibromofluoromethane
 Concen: 54.31 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001647.D
 Acq: 11 May 2018 18:48

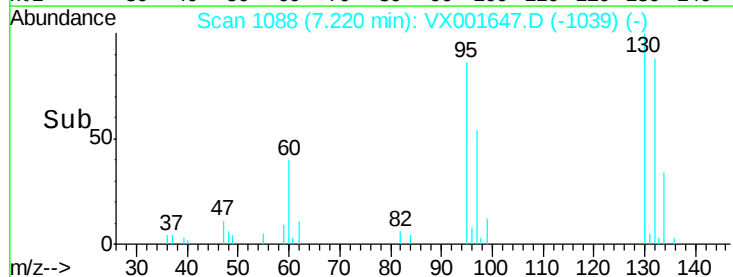
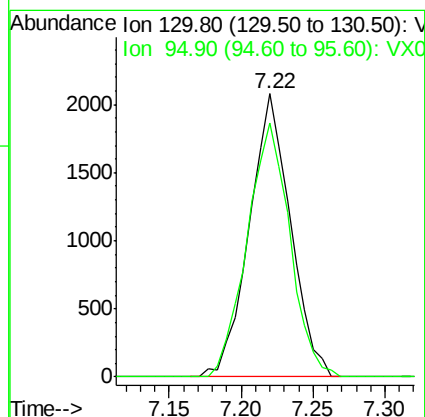
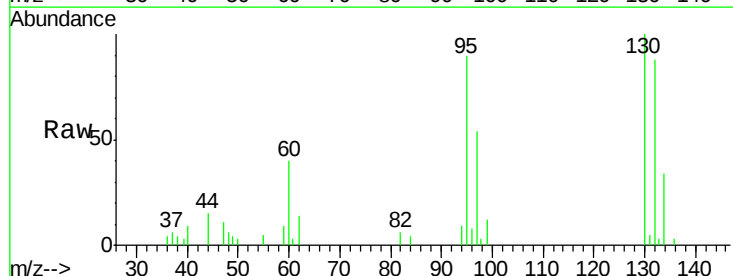
Instrument :
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 SS037MW301-180502

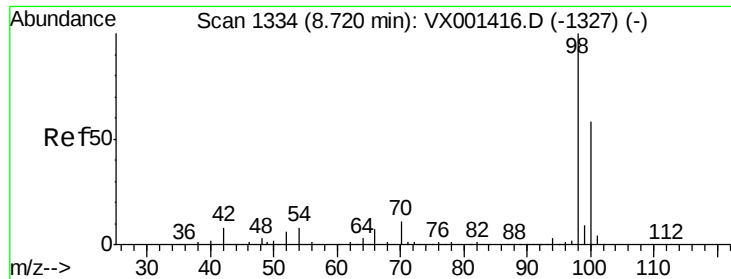
Tot Ion:113 Resp: 163022
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.5 21.4 32.0



#44
 Trichloroethene
 Concen: 1.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001647.D
 Acq: 11 May 2018 18:48

Tgt Ion:130 Resp: 4116
 Ion Ratio Lower Upper
 130 100
 95 89.7 0.0 178.4





#50

Toluene-d8

Concen: 51.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001647.D

Acq: 11 May 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

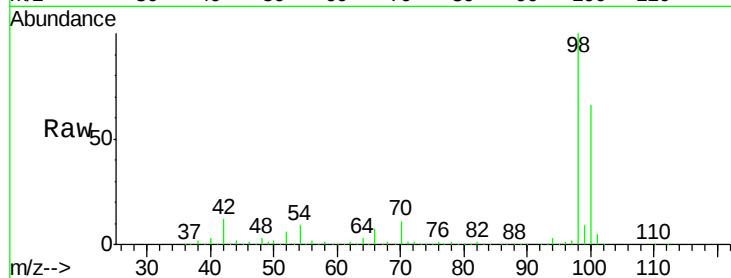
SS037MW301-180502

Tot Ion: 98 Resp: 566328

Ion Ratio Lower Upper

98 100

100 65.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

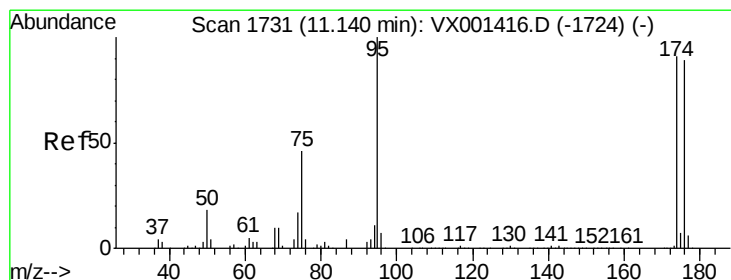
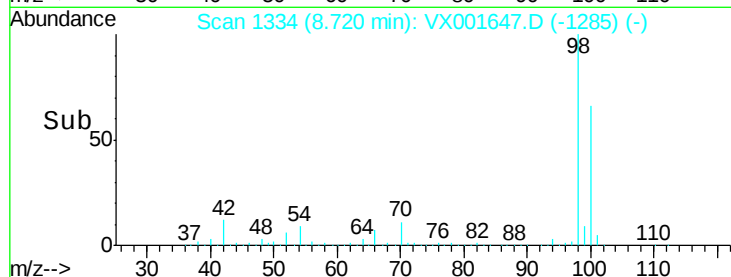
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001647.D

Acq: 11 May 2018 18:48

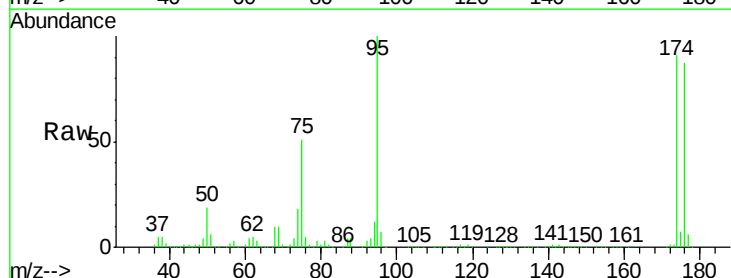
Tgt Ion: 95 Resp: 184891

Ion Ratio Lower Upper

95 100

174 99.6 0.0 202.0

176 96.9 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

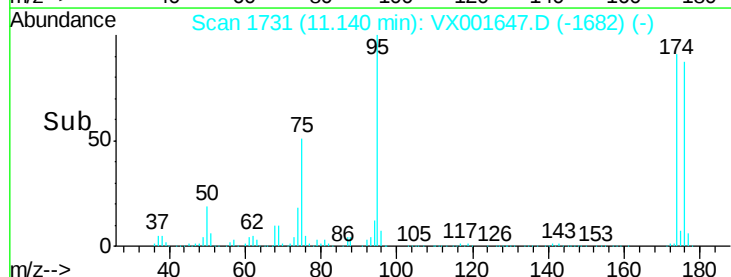
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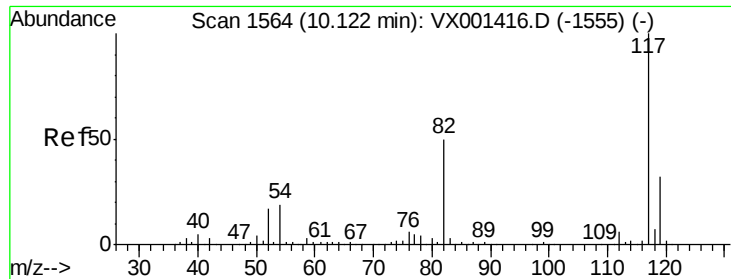
100000

50000

0

Time-->

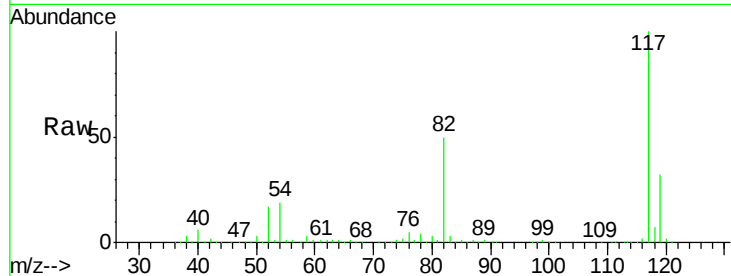




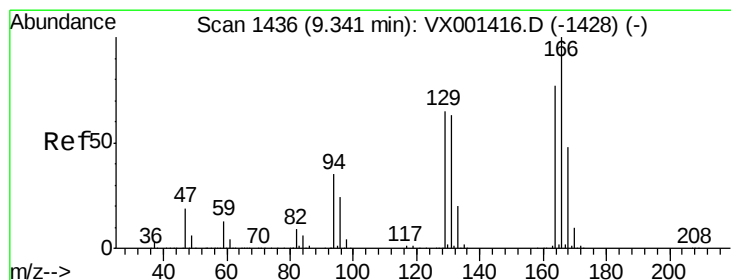
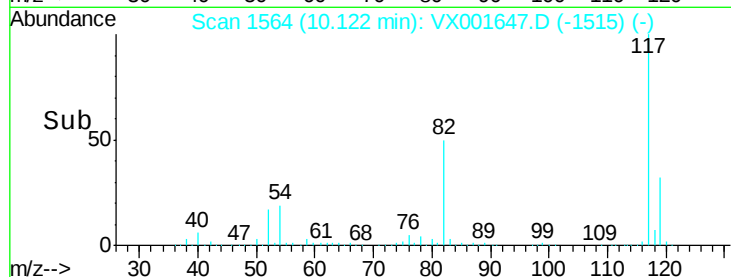
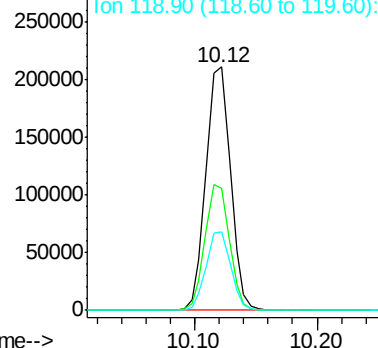
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001647.D
Acq: 11 May 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
SS037MW301-180502

Tot Ion:117 Resp: 294475
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 32.2 25.8 38.8

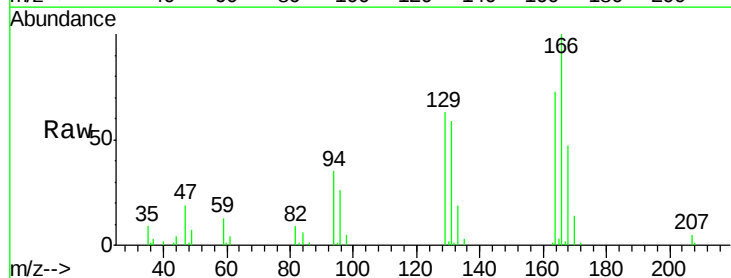


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

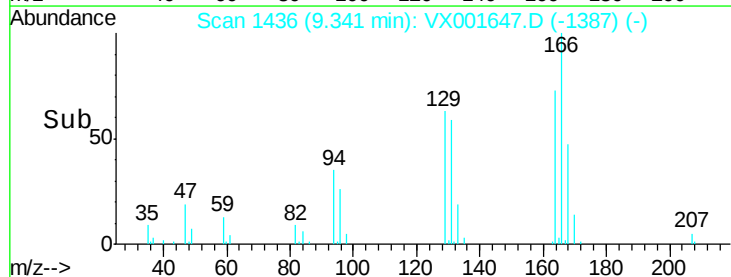
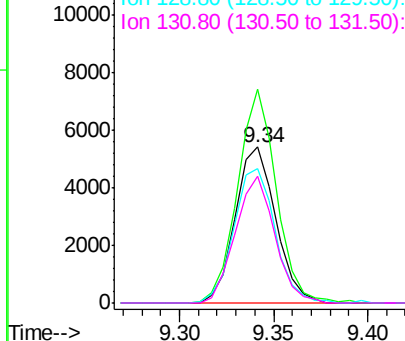


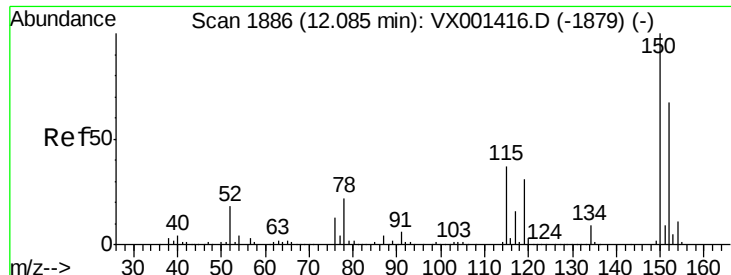
#64
Tetrachloroethene
Concen: 1.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001647.D
Acq: 11 May 2018 18:48

Tgt Ion:164 Resp: 8024
Ion Ratio Lower Upper
164 100
166 136.8 103.5 155.3
129 86.1 66.7 100.1
131 80.9 64.9 97.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

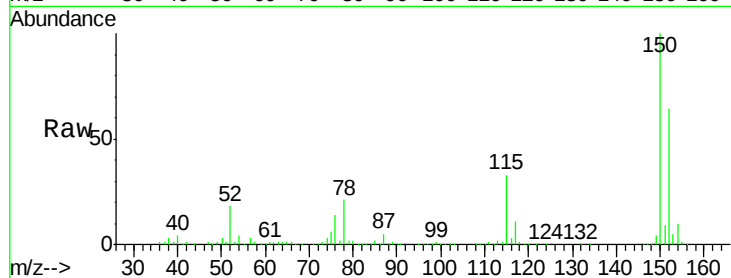




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001647.D
 Acq: 11 May 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW301-180502

Tot Ion:152 Resp: 157377
 Ion Ratio Lower Upper
 152 100
 115 52.4 37.7 113.1
 150 156.1 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

